



## ROLLFORM 1047-RF

**ROLLFORM 1047-RF** (formerly **LS-N-359**) is a semi-synthetic micro-emulsion that was designed and formulated for Roll Forming operations. **ROLLFORM 1047-RF** offers excellent corrosion protection for a wide variety of metals, including galvanized, galvalum, aluminized, aluminum, cold and hot roll steel, and yellow metals. **ROLLFORM 1047-RF** is also suitable for some stamping and drawing operations. It is operator-friendly and very stable in a variety of waters.

### USAGE

**ROLLFORM 1047-RF** is designed to be used at dilutions between 9:1 (10%) and 19:1 (5%) with tap water for Roll Forming operations. Dilutions for stamping and drawing applications may vary, depending upon their relative severity. Add **ROLLFORM 1047-RF** to water with agitation to form a stable micro-emulsion.

### PHYSICAL CHARACTERISTICS

|                          |                       |
|--------------------------|-----------------------|
| Density                  | 1.01 g/ml 8.4 lbs/gal |
| Appearance               | Amber Liquid          |
| Odor                     | Bland                 |
| pH at 10% (9:1) dilution | Typically 8.9 to 9.2  |
| Refractive Index         | 7.0 @ 4:1 3.5 @ 9:1   |
| (freshly diluted)        | 2.3 @ 14:1 1.8 @ 19:1 |
| Refractive Index Factor  | Volume % = 2.85 x RI  |

### BENEFITS

- **Does Not Contain Hazardous Ingredients**
- **Provides Excellent In-Process Corrosion Protection**
- **Resists Attack by Bacteria, Yeast and Fungi**
- **Has Low Foaming Characteristics**
- **Will NOT Form Sticky Deposits on Equipment**
- **Is Easy to Remove With Aqueous Cleaners**
- **Has Good Weld-Through Characteristics**
- **Has Achieved Excellent Operator Acceptance**

### TECHNICAL SUPPORT

This is a Proprietary product. TOWER wants to assist you in evaluation and selection of suitable products. We urge you to take advantage of this service. This information sheet and TOWER's assistance, however, are not a substitute for your own testing and evaluation.